Instruction Manual for Windows

EZCast Universal WiFi Display Adapter

Ver. 1.1

www.ezcast-wifidisplay.com

Visonicom EZCast WiFi display adapters support Windows (Windows desktop PC and laptop PC), Android (Android smart phone and tablet PC), iOS (iPhone and iPad), and Mac OS (Mac PC). So there are 4 versions of user's manuals: EZCast manual for Windows, EZCast manual for Android, EZCast manual for iOS, and EZCast manual for Mac OS. There are slight differences in operation for users running different operation systems/devices.

This is the Windows version for Microsoft Windows desktop PC and laptop PC users.

The manual will be updated without prior notice.

For general purpose, the Quick Installation Guide is enough for all users.

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Visonicom EZCast WiFi display dongle series are the first universal cross platform (iOS, Android, Windows, Mac OS) WiFi display HDMI adapters that support Airplay, WiFi direct Miracast, and DLNA all-in-one simultaneously, with EZCast WiFi display adapters users can easily cast the videos, photos, games and files from iPAD/iPhone, Android phones/tablet PCs, PC/Notebook, to HDTV or projector through HDMI port wirelessly(Run EZCast for all users, or EZAir for iPAD/iPhone users, or Miracast for Android phone/Android pad users), or push all the video, photo, and files to from the above mentioned devices to HDTV or projector (DLNA).

Index:

1. Basic Features..... 4
2. Physical Connection..... 4
3. Operation Tutorial..... 4
   3.1 EZCast Utility Installation..... 4
   3.2 Get Connected..... 8
   3.3 Run EZCast..... 8
   3.4 DLNA..... 9
   3.5 Miracast..... 10
4. Settings..... 10
   4.1 Resolution..... 11
   4.2 Password..... 11
   4.3 Internet Access..... 11
   4.4 Language Setting..... 12
   4.5 System Upgrade..... 12
5. Specification..... 13

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1. Basic Features

- Multi OS support: Android, iOS, Windows, Mac OS
- Multimode support: Miracast, DLNA, Airplay
- Highly integrated Actions SoC (600MHz/1GHz)
- Simple to operate
- Most compact size and lower consumption under 2w
- Fast connection & low latency for superior user experience
- H.264 1080P full HD video decode
- LPCM Audio Decode
- HDMI v1.3 video output
- HDCP 2.x
- Auto channel selection with high quality video stream
- Build in WiFi support IEEE 801.11 b/g/n up to 150Mbps data transfer rate with WiFi Direct capability
- Flexible power using TV standard USB port (5V/400mA) or external USB power supply

2. Physical Connection

Simply connect the HDMI port of the EZCast universal WiFi Display Adapter VMD-EZ151 (hereafter refers to EZCast adapter, EZCast WiFi Display Dongle, the adapter or the dongle) with HDTV, use a HDMI cable in case of necessary.

Connect the micro USB power port of EZCast adapter with a USB charger or USB port of TV for power supply. The adapter starts to boot up.

Turn on TV and select current HDMI port. The TV screen will display the booting up status of EZCast dongle.

3. Operation Tutorial

3.1 EZCast Utility Installation

The HDTV screen shows the boot up information. It is the universal display for all OS.

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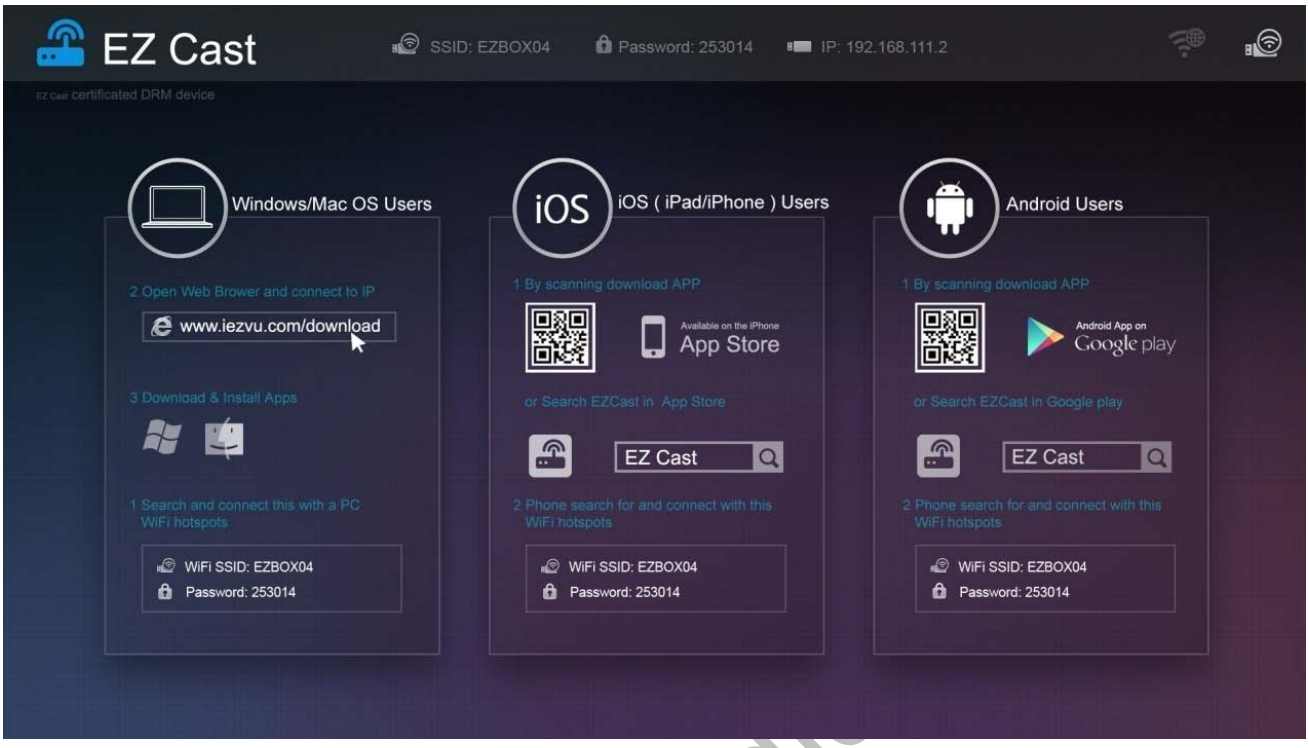
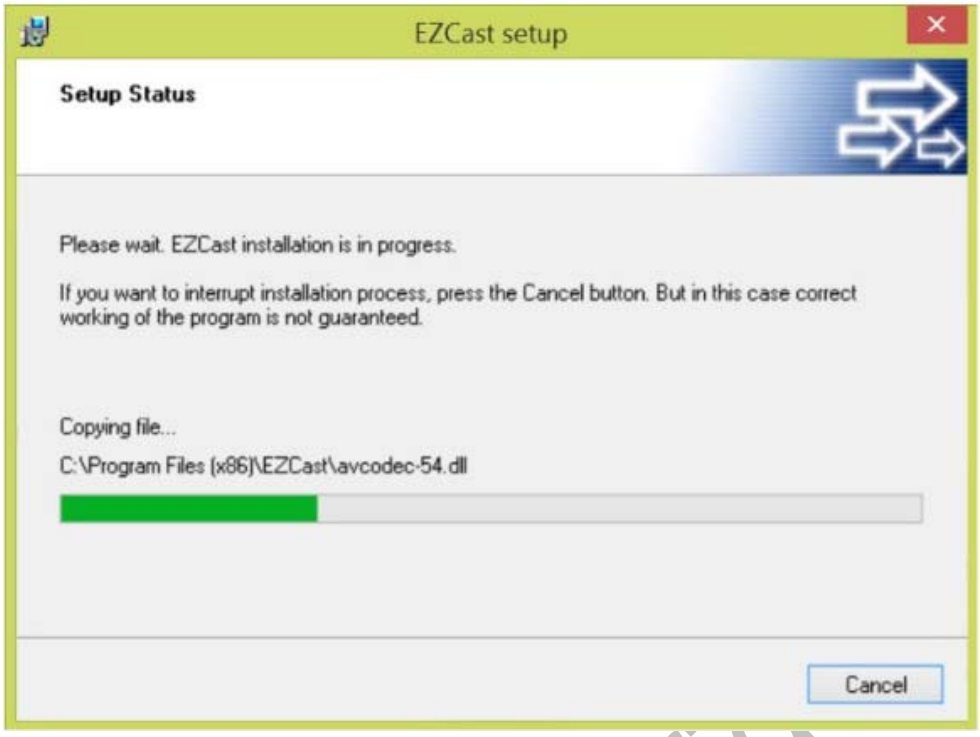


From the Screen we can find the EZCast WLAN Info: SSID, Password, and IP address. For instance, the parameters are SSID (EZBOX04), Password (253014), IP address (192.168.111.2) for the EZCast WiFi display dongle used for the manual.

Run your browser of your PC; download the EZCast utility from our website as prompt on the TV screen. Execute it while the download is done. Now follow the installation procedure on your PC.

EZCast setup
Welcome to the Installation Wizard
Welcome to the EZCast Setup program. This program will install EZCast on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program. Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Installation Wizard
< Back
Next >
Cancel

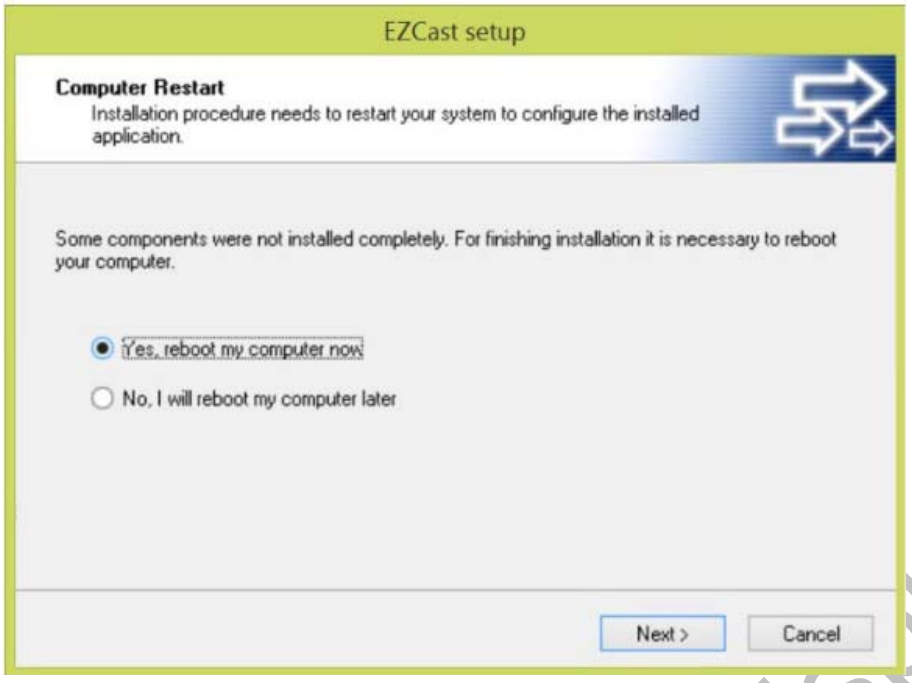
File copying


EZCast setup
Setup Status
Please wait. EZCast installation is in progress.
If you want to interrupt installation process, press the Cancel button. But in this case correct working of the program is not guaranteed.
Copying file...
C:\Program Files (x86)\EZCast\avcodec-54.dll
Cancel

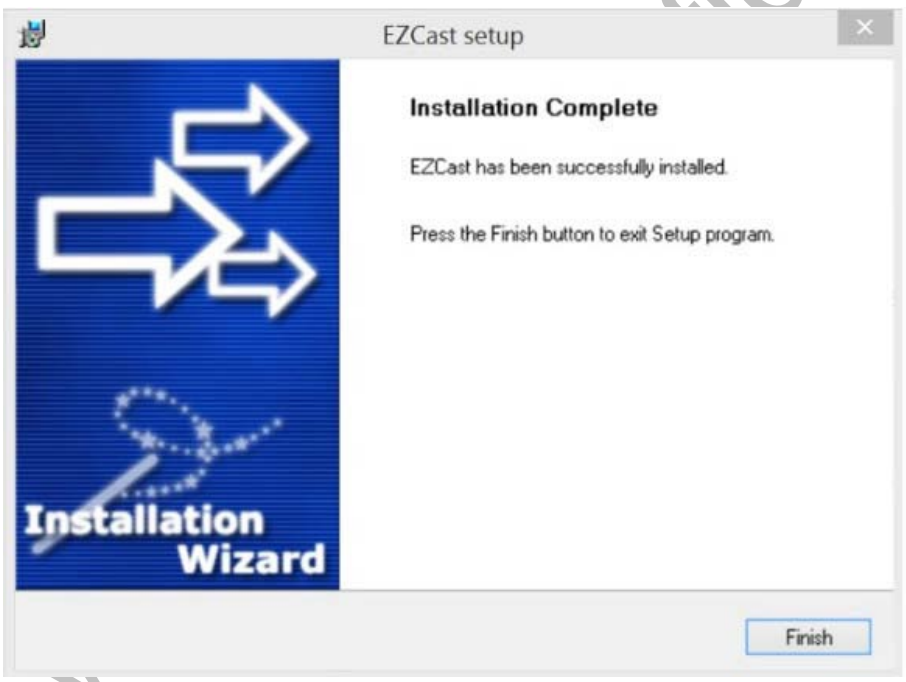
Allow EZCast to communicate on networks

Windows Security Alert
Windows Firewall has blocked some features of this app
Windows Firewall has blocked some features of EZCast on all public and private networks.
Name: EZCast
Publisher: Unknown
Path: C:\program files (x86)\ezcast_ezcast.exe
Allow EZCast to communicate on these networks:
Private networks, such as my home or work network
Public networks, such as those in airports and coffee shops (not recommended because these networks often have little or no security)
What are the risks of allowing an app through a firewall?
Allow access
Cancel

Click [Next] to allow system reboot.


EZCast setup
Computer Restart
Installation procedure needs to restart your system to configure the installed application.
Some components were not installed completely. For finishing installation it is necessary to reboot your computer.
Yes, reboot my computer now
No, I will reboot my computer later
Next >
Cancel

Installation finished. Windows system to reboot.

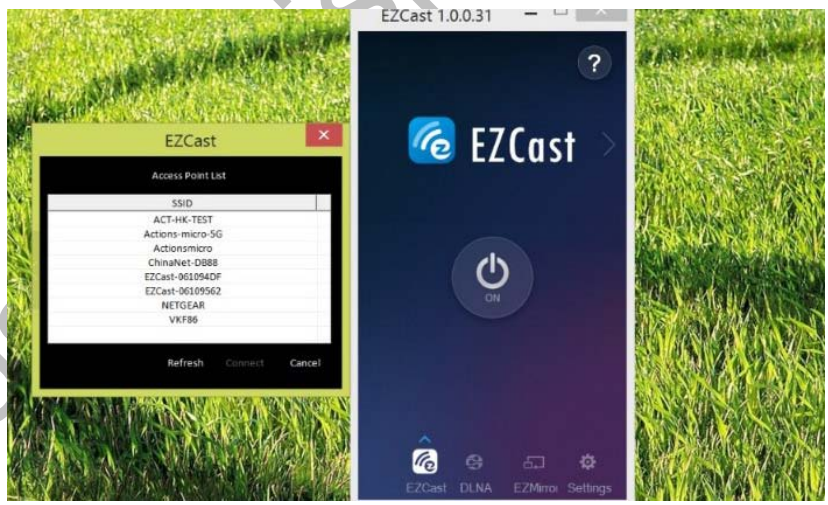


After reboot, there is an EZCast icon on the Windows desktop

3.2 Get Connected

Double Click the EZCast icon on desktop to run EZCast utility, EZCast will automatically detect EZCast WiFi display dongle and guide you to set up a connection with it.

The SSID of your EZCast dongle will be EZCast-xxxxxxxx as shown on TV. The password is also as shown as on your TV screen.



3.3 Run EZCast

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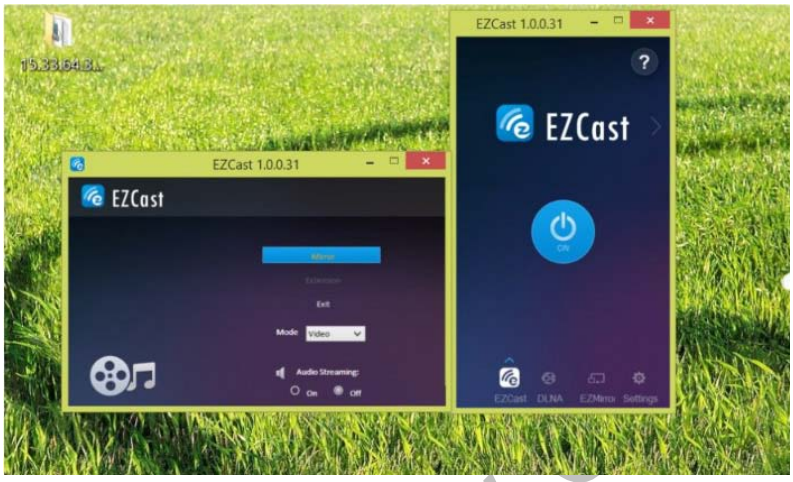
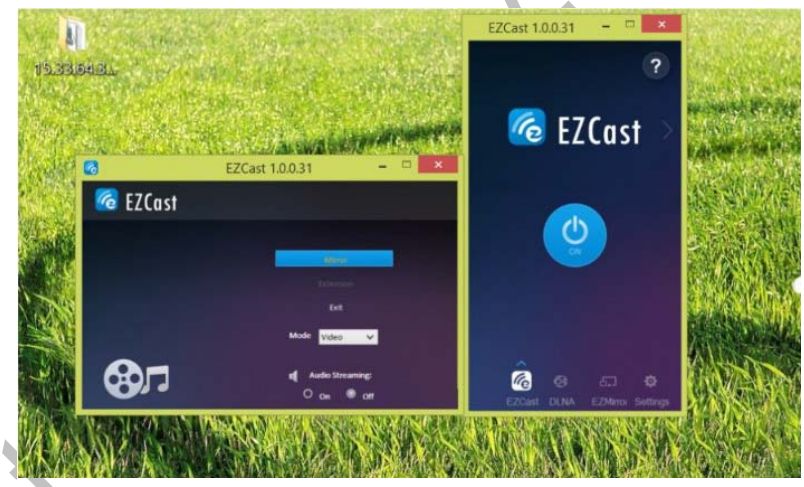
Click [ON] to cast your Windows PC screen to HDTV or projector now. The EZCast Utility offers several mode options: Mirror, Extension, Graphic, Video, Compatible



Mirror mode is to Windows screen to HDTV or projector.

Extension mode is to have the HDTV as an extension display aside Windows PC monitor.



Graphic mode is to static files such as PowerPoint, Excel, Word files, pictures or web pages, etc.

Video mode is to stream dynamic contents such as local and internet video streaming for better frame effect.

Compatible mode is to accelerate video performance for Windows 7+

Audio On/Off is to switch on/off the audio streaming.

It is simple to operate.

This is the end of the tutorial of EZCast application on Windows PC.

Besides EZCast, the WiFi display dongle also supports DLNA, Miracast and Airplay (for iPhone/iPad users only).

3.4 DLNA

This is to enable the DMR (Digital Media Reader) function of EZCast WiFi display dongle. When enabled, run DMC (Digital Media Controller) applications or online streamer with DLNA support to stream media files from DMS (Digital Media Server, it can be your Windows PC or online sever that offers online video streaming with DLNA support), so that to play VOD (Video on Demand) the files saved in your computer or online. Click [?] to check the APP list for DLNA enabled DMC.

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3.5 Miracast

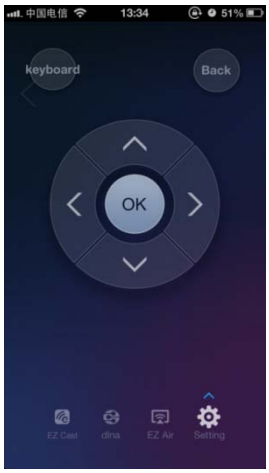
Click [EZMirror] to enable Miracast

EZCast WiFi display dongle will connect your computer automatically if it is recognized. Otherwise it will try to have Miracast connected in 60 seconds. If still failed, EZCast will shift back to normal WiFi connection- AP mode with SSID and password. Then use EZCast utility as stated above to cast your screen to HDTV or projector.

Click [?] for Miracast enabled device.

4. Settings

To use virtual wireless remote controller to change the move direction, the center button [OK] is to confirm. Click [Back] to back to previous screen.



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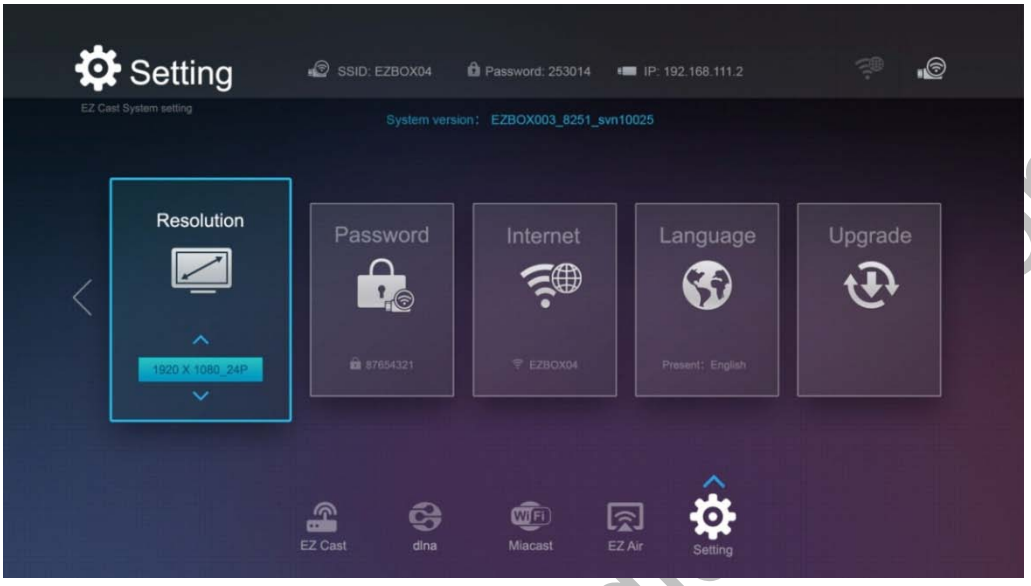
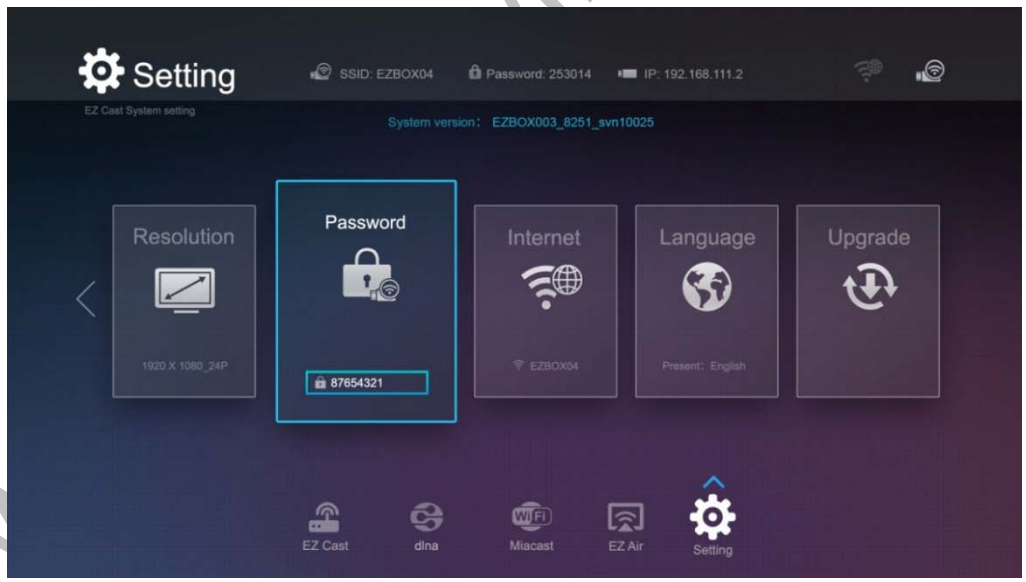
4.1 Resolution

Click [Resolution] to set up the output resolution of EZCast dongle. Supported resolutions: 1920*1080 24P, 1280*720 60P. Modification will be effective after reboot.



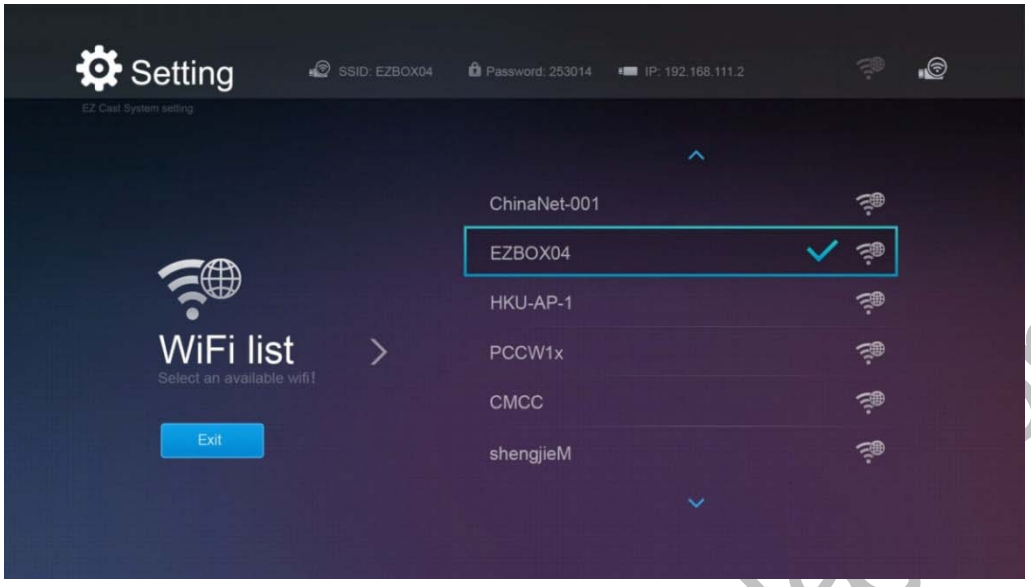
4.2 Password

Click [Password] to set the password of EZCast WiFi display adapter



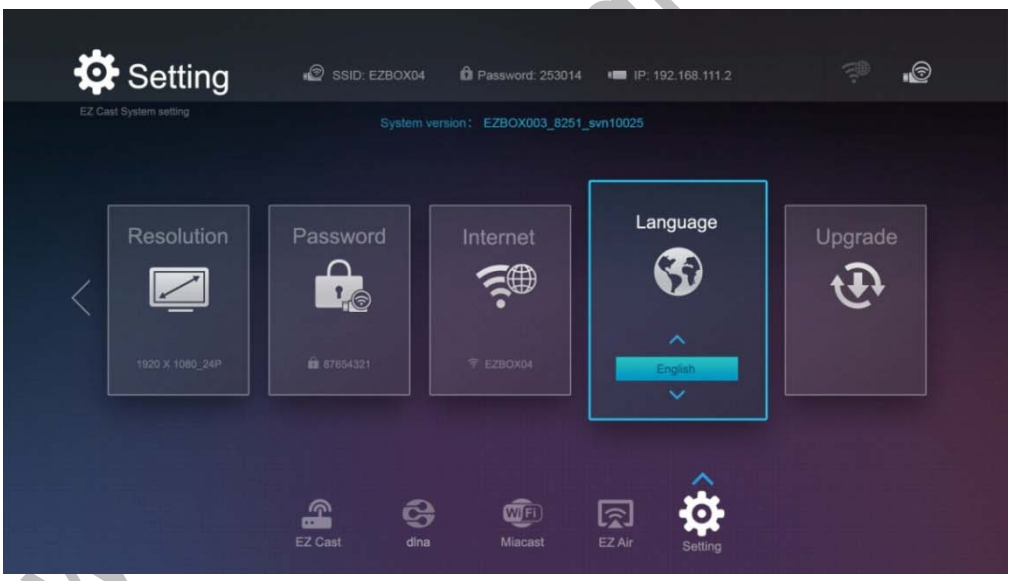
4.3 Internet Access

Click [Internet] to connect to wireless hotspot for internet access. EZCast can also work as a bridge between your wireless hotspot and your smart device for internet access.



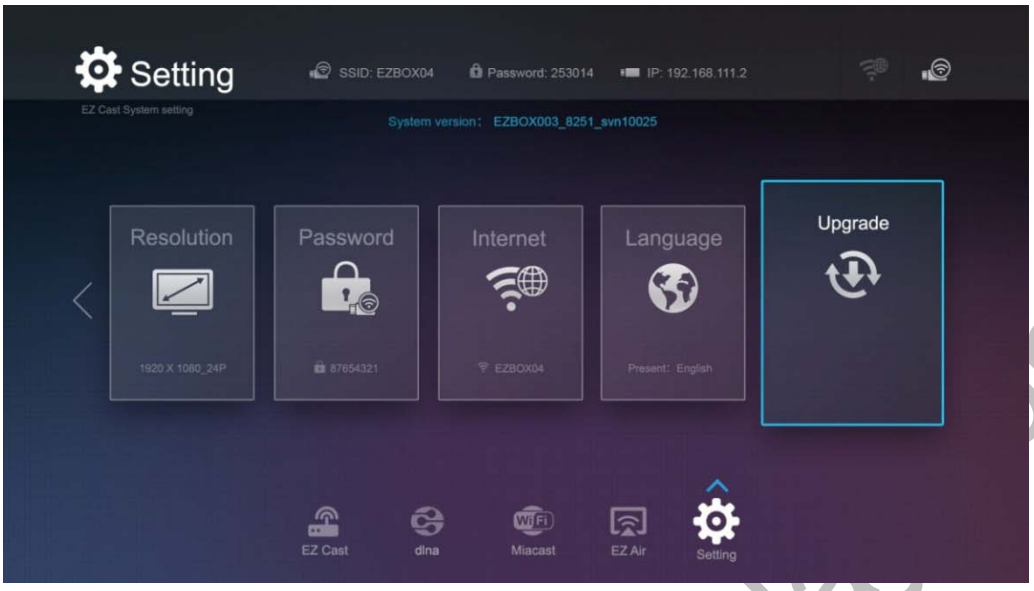
4.4 Language Setting

Click [Language] to set the language from the list. It is multilingual support.



4.5 System Upgrade

Click [Upgrade] to upgrade EZCast firmware and APP OTA (On the Air) online. EZCast WiFi display adapter will check and compare the firmware version and upgrade automatically when a newer version is available. Make sure the internet access is ready and don't power off when upgrading.



5. Specification:

Hardware Feature	
CPU	Actions (AM8251 600MHz/1GHz)
RAM	DDRⅢ-128MB
ROM	NAND Flash 128MB
OS	Linux
Wi-Fi Module	Built-in 802.11b/g/n 150Mbps 2.4GHz
Software Feature	
EZCast	Support Android/iOS /Windows/Mac OS
DLNA:DMP	Display photo, audio and videos base on DLNA protocol for Windows/Android/IOS
Miracast (EZMirror)	Native support Miracast function(certified with WiFi display)
Airplay (EZAir)	Support iOS with EZAir
Soft AP	Cell phone can connect through EZCast-AP to another WiFi router
Remote Control	EZCast app for Android/Windows/IOS/MAC
UI	Universal GUI
Interface Definition	
AV Output	HDMI 1.3 type A male
USB	USB HSOT *1 for firmware update only
Power	5V/500MAUSB cable USB type A to Micro USB
key	U-key（Update/Reset）
LED	Working Status

This is the end of the Instruction Manual for Windows users of Visonicom EZCast Universal WiFi Display Adapter

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